

Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A pressure transducer for transmitting a pressure signal to a remote location indicative of the pressure measurement of a monitored location, comprising:

a housing having at least one pressure port for receiving a pressure, said housing having an internal hollow communicating with said pressure port,

a pressure sensor located within said housing and communicating with said port to provide an output indicative of the magnitude of a pressure applied to said port when said sensor is biased to operate,

a remote transmitter positioned on said housing and coupled to said sensor to transmit a wireless signal indicative of said pressure when said transmitter is biased to operate,

selectively operated means coupled and operative to apply operating bias to said sensor and transmitter automatically when said housing is secured to a device for pressure measurement.

2. (Original) The pressure transducer according to claim 1 wherein said selectively operated means is a push button switch mounted on said housing and actuatable upon insertion of said housing pressure port into an aperture of said monitored device for

pressure measurement, said switch operative to close upon activation of said push button to apply an operating bias to said sensor and transmitter.

3. (Original) The pressure transducer according to claim 1 wherein said pressure sensor includes a piezoresistive Wheatstone bridge.

4. (Original) The pressure transducer according to claim 1 wherein said transmitter is an RF transmitter.

5. (Original) The pressure transducer according to claim 1 wherein said transmitter is a Blue Tooth transmitter.

6. (Original) The pressure transducer according to claim 2 wherein said switch has one terminal coupled to a battery which battery applies said operating bias to said sensor and transmitter when said switch is closed.

7. (Original) The pressure transducer according to claim 1 further comprising an amplifier having an input responsive to said output of said pressure sensor to provide an amplified signal at an output terminal of said amplifier with said output terminal of said amplifier coupled to an input of said transmitter.

8. (Original) The pressure transducer according to claim 1 wherein said transmitter is coupled to an antenna for radiating said signal to a remote location.